


SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION 	ATTY. DOCKET NO. 8321-90	SERIAL NO.: Not Yet Assigned 09/773,830
	APPLICANT: Ziwei Huang, et al	
	FILING DATE February 1, 2001	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>elle</i>	AA	5,846,933	12/8/1998	Korngold, et al.	514	11	
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	AC							
	AD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>elle</i>	AE	LiWang, et al: "Dynamics Study on the Anti-Human Immunodeficiency Virus Chemokine Viral Macrophage-Inflammatory Protein-II (VMIP-II) Reveals a Fully Monomeric Protein" <i>Biochemistry</i> , Vol. 38, pp. 442-453 (1999) American Chemical Society
<i>elle</i>	AF	Zhou, et al: "A Novel Peptide Antagonist of CXCR4 Derived from the N-Terminus of Viral Chemokine vMIP-II" <i>Biochemistry</i> , Vol. 39, pp.3782-3787 (2000) American Chemical Society
	AG	
	AH	
	AI	
EXAMINER <i>Emily K</i>		DATE CONSIDERED 5/05/04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Form PTO - 1449 (Required)		U.S. Department of Commerce Patent and Trademark Office		Docket No: HUA01-NP007 Serial No.: 09/773,830 Applicant: HUANG, Ziwei Filing Date: 01-Feb-2001 Art No. Examiner :			
Information Disclosure Statement by Applicant (Use several Sheets if necessary)							
U.S. PATENT DOCUMENTS							
Exmr Initial		Patent Number	Issue Date	Patentee	Class	Sub- Class	Filing Date If Appropriate
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
Exmr Initial		Document Number	Publn Date*	Country or Patent Office	Class	Sub- Class	Translation? Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)							
ell	1	Wells, T. N. C., Power, C. A., Lusti-Narasimhan, M., Hoogewerf, A. J., Cooke, R. M., Chung, C. W., Peitsch, M. C., and Proudfoot, A. E. I. "Selectivity and Antagonism of Chemokine Receptors." <i>J. Leuk. Biol.</i> 59: 53-60, 1996.					
ell	2	Moore, P. S., Boshoff, C., Weiss, R.A., and Chang, Y. "Molecular Mimicry of Human Cytokine and Cytokine Response Pathway Genes by KSHV." <i>Science</i> 274: 1739-1744, 1996.					
ell	3	Boshoff, C., Endo, Y., Collins, P. D., Takeuchi, Y., Reeves, J. D., Schweickart, V. L., Siani, M.A., Sasaki, T., Williams, T. J., Gray, P. W., Moore, P. S., Chang, Y., and Weiss, R. A. "Angiogenic and HIV-Inhibitory Functions of KSHV-Encoded Chemokines." <i>Science</i> 278: 290-294, 1997.					
ell	4	Kledal, T. N., Rosenkilde, M. M., Coulin, F., Simmons, G. Johnsen, A. H., Alouani, S., Power, C. A., Lüttichau, H. R., Gerstoft, J., Clapham, P. R., Clark-Lewis, I. Wells, T. N. C., and Schwartz, T. W. "A Broad-Spectrum Chemokine Antagonist Encoded by Kaposi's Sarcoma-Associated Herpesvirus." <i>Science</i> 277: 1656-1659, 1997.					
ell	5	Clark-Lewis, I., Kim, K. S., Rajarathnam, K., Gong, J. H., Dewald, B., Moser, B., Baggiolini, M., and Sykes, B. D. "Structure-activity Relationships of Chemokines." <i>J. Leuk. Biol.</i> 57: 703-711, 1995.					
ell	6	Rucker, J., Doranz, B., Edinger, A., Long, D., Berson, J., and Doms, R. W. "Cell-Cell Fusion Assay to Study Role of Chemokine Receptors in Human Immunodeficiency Virus Type 1 Entry." <i>Methods Enzymol</i> 288: 118-133, 1997.					
ell	7	Loetscher, P., Gong, J. H., Dewald, B., Baggiolini, M., and Clark-Lewis, I. "N-Terminal Peptides of Stromal Cell-Derived Factor-1 with CXCR4 Chemokine Receptor 4 Agonist and Antagonist Activities." <i>J. Biol. Chem.</i> 273: 22279-22283, 1998.					
ell	8	Heveker, N., Montes, M., Germeroth, L., Amara, A., Trautmann, A., Alizon, M., and Schneider-Mergener, J. "Dissociation of the Signalling and Antiviral Properties of SDF-1 Derived Small Peptides." <i>Current Biology</i> 8: 369-376, 1998.					
ell	9	Hébert, C. A., Vitangcol, R.V., and Baker, J.B. "Scanning Mutagenesis of Interleukin-8 Identifies a Cluster of Residues Required for Receptor Binding." <i>J. Biol. Chem.</i> 266: 18989-18994, 1991.					
ell	10	Crump, M. P., Gong, J. H., Loetscher, P., Rajarathnam, K., Amara, A., Arenzana-Seisdedos, F., Virelizier, J. L., Baggiolini, M., Sykes, B. D., and Clark-Lewis, I. "Solution Structure and Basis for Functional Activity of Stromal Cell-Derived Factor -1; Dissociation of CXCR4 Activation from Binding and Inhibition of HIV-1." <i>EMBO Journal</i> 16: 6996-7007, 1997.					
ell	11	Simmons, G., Wilkinson, D., Reeves, J. D., Dittmar, M.T., Beddows, S., Weber, J., Carnegie, G., Desselberger, U., Gray, P. W., Weiss, R. A., and Clapham, P. R. "Primary Syncytium-Inducing Human Immunodeficiency Virus Type 1 Isolates Are Dual-Tropic and Most Can Use Either Lestr or CCR5 as Coreceptors for Virus Entry." <i>J. Virol.</i> 70:8355-8360, 1996.					
Examiner				Date Considered			

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO - 1449)

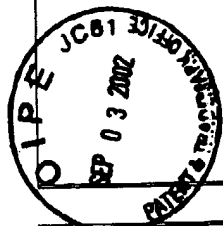
* Use publication date indicated on the patent or published application. 37 CFR 1.98(b).

** The place or publication refers to the name of the journal, magazine or other publication in which the article was published. Notice of January 9, 1992, 1135 O.G. 13 to 25 at 20.

Examiner: Emily L

Date: 5/05/04

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION	ATTY./DOCKET NO. 8321-90	SERIAL NO.: Not Yet Assigned 09/773,830
	APPLICANT: Ziwei Huang, et al	
	FILING DATE February 1, 2001	GROUP Not Yet Assigned



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AC							
	AD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ll</i>	AE	Liwang, et al.: "The Solution Structure of the Anti-HIV Chemokine vMIP-II" <i>Protein Science</i> Vol. 8, pp. 2270-2280 (1999) Cambridge University Press (USA).
<i>ll</i>	AF	Luo, et al. "The Role of Positively Charged Residues in CXCR4 Recognition Probed with Synthetic Peptides" <i>Biochemical and Biophysical Research Communications</i> Vol. 263, pp. 691-695 (1999) Academic Press (USA)
<i>ll</i>	AG	Fernandez, et al.: "Comparison of the Structure of vMIP-II with Eotaxin-1, RANTES, and MCP-3 Suggests a Unique Mechanism for CCR3 Activation" <i>Biochemistry</i> Vol. 39, pp.12837-12844 (September 26, 2000) American Chemical Society (USA)
<i>ll</i>	AH	Luo, et al.: "Structure-Function Study and Anti-HIV Activity of Synthetic Peptide Analogues Derived from Viral Chemokine vMIP-II" <i>Biochemistry</i> Vol. 39, pp.13545-13550 (October 6, 2000) American Chemical Society (USA)
<i>ll</i>	AI	Zhou, et al.: "Exploring the Stereochemistry of CXCR4-Peptide Recognition and Inhibiting HIV-1 Entry with D-Peptides Derived from Chemokines" <i>The Journal of Biological Chemistry</i> Vol. 277, No. 20, (2002), American Society for Biochemistry and Molecular Biology, Inc. (USA)

EXAMINER

Emily Li

DATE CONSIDERED

5/05/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.